



Complete Listing of Claims

Claims:

1. (currently amended) In a ~~computer--system~~ computing device, a method for secure communication, comprising:

using a single secure communication port for secured communications between a server and a client, and between two clients, for ease of access and transparency, from any location to any location, within said ~~computer--system~~ computing device;

requesting communication by a client for connection to a communication server;

receiving said communication request and a handshake sequence is performed between said client and said communication server;

establishing a secure connection between said client and said communication server;

coordinating a new connection with a second client by the communication server; and

establishing a connection between the two clients via the communication server wherein said single communication port allows access from behind network securing means by establishing a secure proxy communication between said two clients by utilizing end-to-end secured data transfer.

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2.(currently amended) The method of claim 1, wherein said single secure communication port is SSL port 443 [[.]]or any other port, allowing secure communication using SSL or any other protocol.

3.(currently amended) The method of claim 1, wherein use of said single communication port allows access from behind network securing means such as firewalls or network address translation means by establishing a secure proxy communication connection between said two clients [[.]] using a communication server as a traffic controller.

4.(currently amended) The method of claim 1, wherein use of said single communication port allows access inside

4. (currently amended) The method of claim 1, wherein use of said single communication port allows access inside firewalls by establishing a secure proxy connection between said two clients [[.]] using said communication server to enable said secure proxy connection to securely transfer end-to end secured communications.

5. (currently amended) The method of claim 1, wherein use of said single communication port allows ease of management of communications by establishing a secure proxy connection between said two clients [[.]] supporting multiple application protocols.

6. (currently amended) The method of claim 1, wherein use of said single communication port allows the elimination of a need to change firewall configurations by establishing a secure proxy communication between said two clients [[.]] utilizing encrypted end-to end data transfer that does not have to be decrypted at said communication server.

7. (currently amended) A method for secure communication in a computer network, comprising:

using a single secured communication port for secured communications within said computer network, for establishing

secured communication between two or more clients via a communication proxy server [[.]] ;

requesting communication by a client for connection to a communication server;

receiving said communication request and a handshake sequence is performed between said client and said communication server;

establishing a secure connection between said client and said communication server;

coordinating a new connection with a second client by the communication server; and

establishing a connection between the two clients via the communication server wherein said single communication port allows access from behind network securing means by establishing a secure proxy communication between said two clients by utilizing end-to-end encrypted data transfer.

8. **(currently amended)** The method of claim 7 **[[8]]**, wherein said single secured communication port is SSL port 443 **[[.]]** or any other port.

9. **(currently amended)** A method for secure communication in a computer system, comprising the steps of:

using a single secure communication port;

requesting communication by a client for connection to a communication server;

receiving said connection request and a handshake sequence is performed between said client and said communication server;

establishing a secure connection between said client and said communication server;

coordinating a new connection with **[[the]]** a second client by the communication server;

initiating a handshake sequence with a second client via the communication server; and

establishing a connection between the two clients via the communication server wherein said single communication

port allows access from behind network securing means by establishing a secure proxy communication between said two clients by utilizing end-to-end secured data transfer.

10.(currently amended) The method of claim 9, wherein said single connection port is SSL port 443 [[.]] or any other port.

11.(currently amended) The method of claim 9, wherein a single communication protocol using said single secure port is utilized [[used]].

12.(currently amended) The method of claim 9, wherein multiple protocols using said single secure communication port are utilized [[used]].

13. (currently amended) The method of claim 9 [[11]], wherein use of said single secure communication port allows access from behind network securing means such as firewalls or network address translation means by establishing a secure proxy connection between two clients [[.]] using a communication server as a traffic controller.

14. (currently amended) The method of claim 9 [[11]] , wherein use of said single secure communication port allows access inside firewalls by establishing a secure proxy connection between two clients [[.]] using said communication server to enable said secure proxy connection to securely transfer end-to end secured communications..

15. (currently amended) The method of claim 9 [[11]] , wherein use of said single secure communication port allows ease of management by establishing a secure proxy connection between two clients [[.]] using said communication server to enable said secure proxy connection to securely transfer end-to end encrypted communications..

16. (currently amended) The method of claim 9 [[11]] , wherein use of said single secure communication port eliminates the need to change firewall configuration by establishing a secure proxy connection between two clients [[.]] utilizing secured end-to end data transfer that does not have to be decrypted at said communication server.

17.(currently amended) A computer-readable medium encoded with a computer program ~~Computer--software--~~for  
[[a]] secure communication in a computer system, comprises:

means for using a single secure communication port for secured communication within said computer system for establishing secured communications between two or more clients [[.]];

requesting communication by a client for connection to a communication server;

receiving said communication request and a handshake sequence is performed between said client and said communication server;

establishing a secure connection between said client and said communication server;

coordinating a new connection with a second client by the communication server; and

establishing a connection between the two clients via the communication server wherein said single communication port allows access from behind network



securing means by establishing a secure proxy communication between said two clients by utilizing end-to-end secured data transfer that does not require decryption at said communication server.

18.(currently amended) The computer-readable medium encoded with a computer program) ~~--computer--software~~ of claim 17, wherein said single secure port is SSL port 443 [[.]] or any other port.